

**VIBRATING MACHINE FOR EXTRACTING, MIXING AND  
SEPARATING ORGANIC AND INORGANIC MATERIALS BOTH IN  
LIQUID AND POWDER FORM**

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**ABSTRACT**

A vibrating machine, specifically designed  
for extracting, mixing and separating liquid and  
powder organic and inorganic materials, in liquid or  
10 powder form, comprises two shoulders supporting a  
plurality of test tubes, each shoulder being rigidly  
coupled to a cam follower, affected by a cam in turn  
driven by a motor, so as to cause the test tube  
supporting shoulders to perform a rectilinear  
15 reciprocating symmetrically opposite movement.